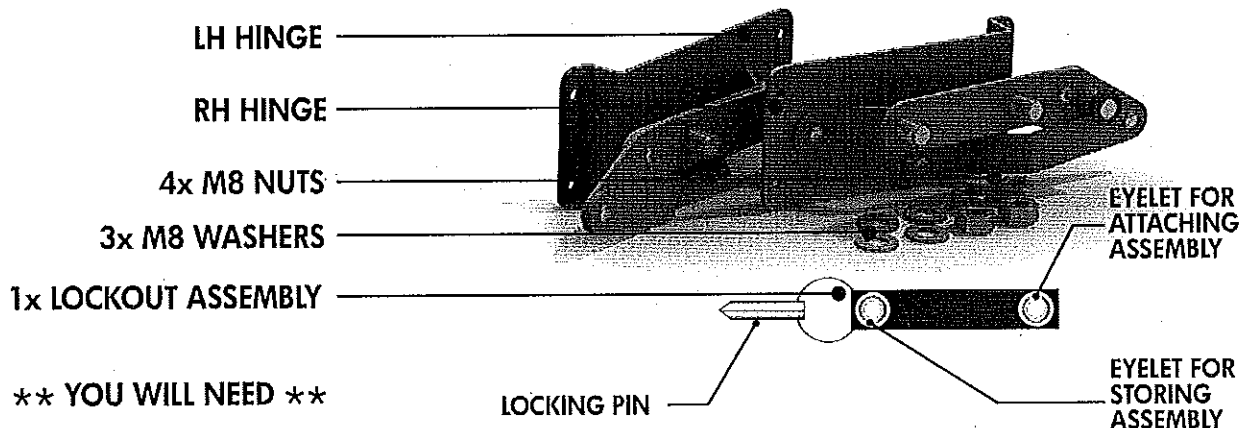


## FULLY ARTICULATED HINGES Instructions



### \*\* YOU WILL NEED \*\*

- 7/16 UNF socket/spanner
- Masking tape
- Old towels to protect body work
- Suitable fasteners, M4/M5POP rivets are recommended (not supplied)
- Drill
- Suitable drill bit to match desired fasteners
- Pencil
- Straight edge
- POP rivet gun, or similar fastening tool
- 13mm socket/spanner
- Rear bonnet area seal or similar (not supplied)

### \*\* INSTALLATION TIME \*\*

Allow 10 minutes to work hinges loose  
Allow at least 25 minutes to complete the installation of the hinges

### \*\* INSTRUCTIONS FOR FITTING \*\*

Thank you for purchasing these **Fully Articulated Bonnet Hinges**. If you run into any problems installing this product, please use the contact details below right and we'll do our best to help you out. **Please read all instructions thoroughly before beginning installation. Direct from the manufacturer, the hinges start out very stiff. If you work each of them for a few minutes, they will begin to loosen up, sliding neatly over each other.**

Before starting, make a safe place to store your bonnet. This should be the last time you have to remove it, so lets not scratch it now!

1. Prop the bonnet up.
2. Protect the upper surface of both wings and the edge of the scuttle panel with masking tape .
3. Undo the four existing nuts. You won't need these again so just set them to one side.
4. Carefully remove the bonnet and place it down in the area you made earlier. You may wish to enlist the help of a willing volunteer.
5. Now fold the hinges down until they are at the same angle as the wings and apply masking tape to the wings adjacent to the old hinges.
6. Line the straight edge up with the hinge bolts and mark their position on the masking tape on the wings.
7. Now unbolt the old hinges using the 7/16 socket and spanner.
8. Remove the securing strap and the lock nut for the wiper motor and swing it downwards out of the way.
9. Apply masking tape to both inner wings which will allow you to mark the holes for drilling.
10. Take the LH Hinge and place it directly beneath the lip at the top of the inner wing.

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11. With the hinge compressed, align the studs with the marks you made earlier.
12. Holding the hinge firmly against the inner wing, articulate the hinge to ensure it clears the scuttle panel. If it fouls, first try bending the hinge arms so they align with the inner wing. If it still fouls, move it towards the front of the car very slightly until it clears all body work through it's entire range of travel.
13. Mark the final position in case you accidentally move it.
14. Using the hinge backplate as a guide, drill through the top two holes.
15. There are two further holes which can be used if you feel the need but depending on your engine setup you may not have adequate space to use the drill.
16. **Before attaching** the hinge, treat the new holes with a rust preventer.
17. Attach the hinge with your preferred fixings. We recommend using rivets.
18. Repeat steps 11 to 17 using the RH hinge on the RH inner wing.
19. Articulate both hinges upwards to the same level and put the locking pin through the right hand hinge to hold it in place.
20. Lift the bonnet and flex the hinges until the studs pop through the mounting holes. Take care not to let the bonnet slip down and mark the wings. You should already have a protective layer in place.
21. Ensuring the bonnet is as high up on the studs as it can go, place ring of the lockout assembly over the stud nearest to the lockout holes and attach using one of the supplied nuts.
22. Attach the remaining three nuts and washers.
23. Now remove the locking pin, stretch the lockout assembly to that the other ring hook over the furthest stud and close the bonnet slowly watching for any possible fouling of the body work.
24. Assuming the bonnet closes, check the gaps and adjust the position of the bonnet on the studs for a happy medium between good matching gaps and ensuring the bonnet does not foul when articulated.
25. Remove all protective masking tape.
26. Now complete, sit back and have a cup of tea safe in the knowledge that you'll never have to remove the bonnet again.



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